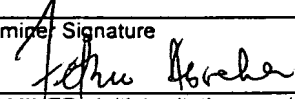


Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977/097002/US3176D1	Application No. 09/304,975
	Applicant Hongyong Zhang		
	Filing Date May 3, 1999	Group Art Unit 2811	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
PA	AL	61-048894	3/10/86	Japan				X
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature 	Date Considered 12/19/01
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977/097002/US3176D1	Application No. 09/304,975
	Applicant Hongyong Zhang		
	Filing Date May 3, 1999	Group Art Unit 2811	

 1033 U.S. PTO
09/004654

03/12/01

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>PN</i>	AA	4,996,523	2/26/91	Bell, et al.			
	AB	5,550,066	8/27/96	Tang, et al.			
	AC	5,640,067	6/17/97	Yamauchi, et al.			
	AD	5,684,365	11/4/97	Tang, et al.			
	AE	5,786,796	7/28/98	Takayama, et al.			
	AF	5,821,560	10/13/98	Arai et al.			
	AG	5,828,429	10/27/98	Takemura			
	AH	6,023,308	2/8/00	Takemura			
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>PN</i>	AL	EP 0 717 445	6/19/96	Tang, et al.				
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature <i>Pet Aorah</i>	Date Considered <i>12/18/01</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT:
Hongyong ZhangFILING DATE
December 10, 1996GROUP ART UNIT
1109

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Pd		5	1	4	7	8	2	6	9/15/92	Liu et al.	437	233	
		5	2	7	5	8	5	1	1/4/94	Fonash et al.	427	578	
	AA	5	4	0	3	7	7	2	4/4/95	Zhang et al.	437	101	
	AB	5	4	2	6	0	6	4	6/20/95	Zhang et al.	437	40	
	AC	5	4	8	1	1	2	1	1/2/96	Zhang et al.	257	64	
	AD	5	4	8	8	0	0	0	1/30/96	Zhang et al.	437	21	
	AE	5	4	9	2	8	4	3	2/20/96	Adachi et al.	437	21	
	AF	5	5	0	1	9	8	9	3/26/96	Takayama et al.	437	21	
	AG	5	5	0	8	5	3	3	4/16/96	Takemura	257	64	
	AH	5	5	2	9	9	3	7	6/25/96	Zhang et al.	437	10	
	AI	5	5	3	4	7	1	6	7/9/96	Takemura	257	72	
	AJ	5	5	4	3	3	5	2	8/6/96	Ohtani et al.	437	101	
	AK	5	5	6	3	4	2	6	10/8/96	Zhang et al.	257	66	
	AL	5	5	6	9	6	1	0	10/29/96	Zhang et al.	437	21	
	AM	5	5	6	9	9	3	6	10/29/96	Zhang et al.	257	66	
	AN	5	5	8	0	7	9	2	12/3/96	Zhang et al.	437	10	
	AO	5	5	8	5	2	9	1	12/17/96	Ohtani et al.	437	40	
	AP	5	5	8	9	6	9	4	12/31/96	Takayama et al.	257	67	
	AQ	5	5	9	5	9	2	3	1/21/97	Zhang et al.	437	41	
	AR	5	5	9	5	9	4	4	1/21/97	Zhang et al.	437	41	
	AS	5	6	0	4	3	6	0	2/18/97	Zhang et al.	257	72	
	AT	5	6	0	5	8	4	6	2/25/97	Ohtani et al.	437	21	
	AU	5	6	0	6	1	7	9	2/25/97	Yamazaki et al.	257	59	
	AV	5	6	0	8	2	3	2	3/4/97	Yamazaki et al.	257	66	
	AW	5	6	1	2	2	5	0	3/18/97	Ohtani et al.	437	101	
	AX	5	6	1	4	4	2	6	3/25/97	Funada et al.	437	40	
	AY	5	6	1	4	7	3	3	3/35/97	Zhang et al.	257	66	
	AZ	5	6	1	6	5	0	6	4/1/97	Takemura	438	150	
		5	6	2	0	9	1	0	4/15/97	Teramoto	438	151	
	BA	5	6	2	1	2	2	4	4/15/97	Yamazaki et al.	257	66	
	BB	5	6	2	4	8	5	1	4/29/97	Takayama et al.	438	166	
	BC	5	6	3	7	5	1	5	6/10/97	Takemura	438	162	
	BD	5	6	3	9	6	9	8	6/17/97	Yamazaki et al.	437	228	
	BE	5	6	4	3	8	2	6	7/1/97	Ohtani et al.	437	88	

11033 U.S. PTO
09/804654
03/12/01

SERIAL NO.
08/763.225

GROUP ART UNIT
1109

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Rn	BF	5 6 4 6 4 2 4	7/8/97	Zhang et al.	257	66	
	BG	5 6 5 4 2 0 3	8/5/97	Ohtani et al.	438	97	
	BH	5 6 5 6 8 2 5	8/12/97	Kusumoto et al.	257	66	
	BI	5 6 6 3 0 7 7	9/2/97	Adachi et al.	438	151	
	BJ	5 6 7 7 5 4 9	10/14/97	Takayama, et al.	257	66	
	BK	5 6 9 6 3 8 6	12/9/97	Yamazaki	257	57	
	BL	5 6 9 6 3 8 8	12/9/97	Funada et al.	257	64	
	BM	5 7 0 0 3 3 3	12/23/97	Yamazaki et al.	136	258	
	BN	5 7 0 5 8 2 9	1/6/98	Miyanaga et al.	257	66	
	BO	5 7 1 2 1 9 1	1/27/98	Nakajima et al.	437	174	

[illegible][illegible]

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 07977/097002/US3176D1	Application No. 09/304,975
	Applicant Hongyong Zhang			
	Filing Date May 3, 1999		Group Art Unit 2811	

11033 U.S. PRO 09/804654



U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
PS	AA	5,696,003	12/9/97	Makita, et al.			
✓	AB	5,821,562	10/13/98	Makita, et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
PS	AL	7-297125	11/10/95	Japan			Abstract only	
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature <i>[Signature]</i>	Date Considered 12/18/01
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	